

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091918\
 Data File : BG036825.D
 Acq On : 19 Sep 2018 18:40
 Operator : JU/SJ
 Sample : J4771-04
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 20 07:05:49 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 31 13:03:20 2018
 Response via : Initial Calibration

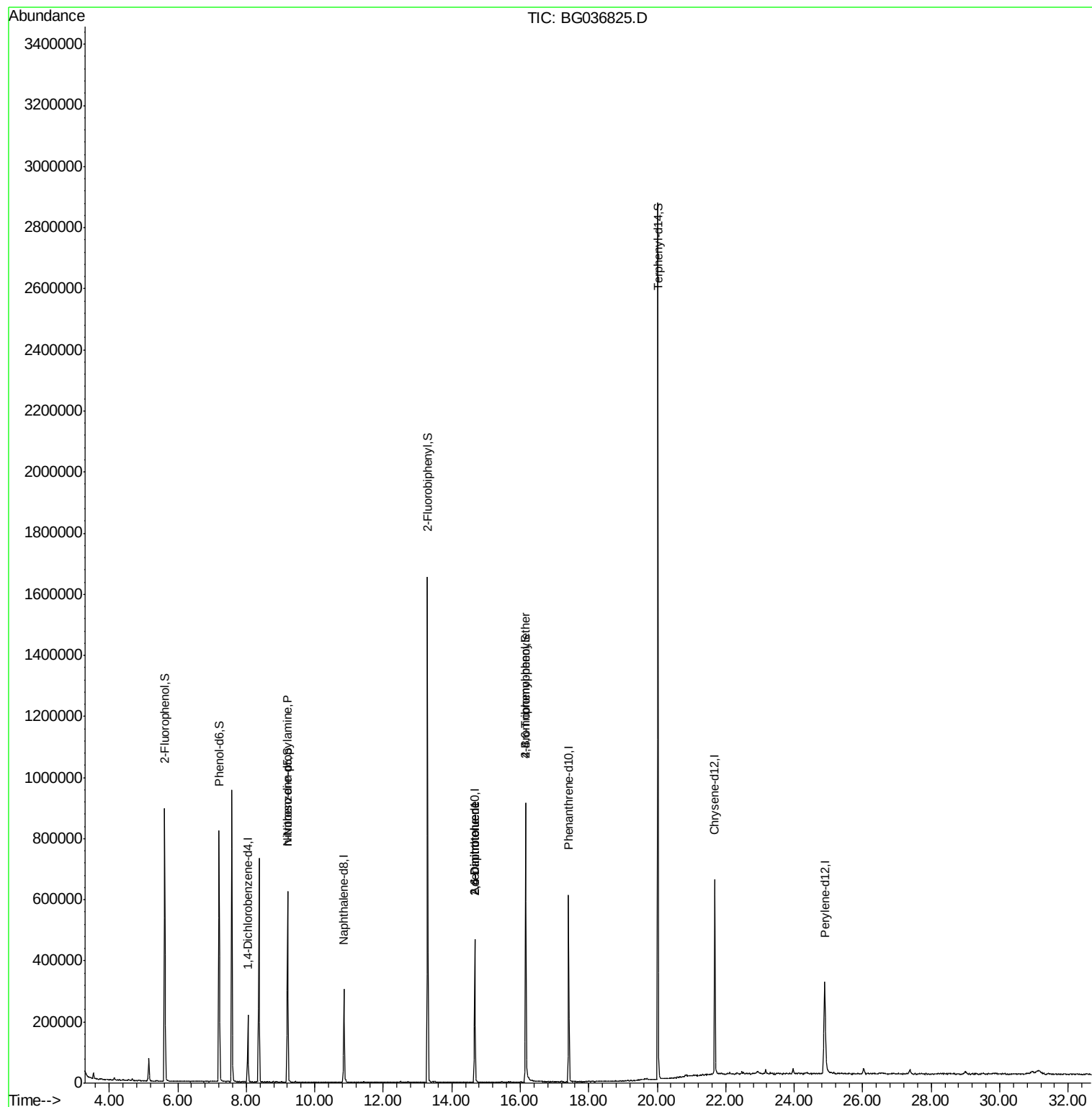
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	60028	20.00	ng	-0.02
21) Naphthalene-d8	10.85	136	256436	20.00	ng	-0.02
38) Acenaphthene-d10	14.67	164	166257	20.00	ng	-0.02
63) Phenanthrene-d10	17.41	188	399685	20.00	ng	-0.02
75) Chrysene-d12	21.68	240	399285	20.00	ng	-0.02
86) Perylene-d12	24.89	264	370306	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	371846	98.26	ng	0.00
7) Phenol-d6	7.21	99	472063	87.13	ng	-0.01
23) Nitrobenzene-d5	9.20	82	382990	81.03	ng	-0.02
41) 2,4,6-Tribromophenol	16.16	330	187093	94.31	ng	-0.01
44) 2-Fluorobiphenyl	13.29	172	854985	73.43	ng	-0.02
78) Terphenyl-d14	20.02	244	1352558	79.18	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.20	70	51266	12.661	ng	# 67
50) 2,6-Dinitrotoluene	14.67	165	21096	7.552	ng	# 22
56) 2,4-Dinitrotoluene	14.67	165	21096	5.794	ng	# 21
66) 4-Bromophenyl-phenylether	16.16	248	13092	2.798	ng	# 1

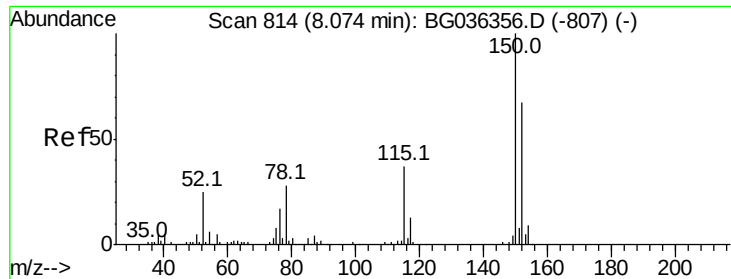
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091918\
Data File : BG036825.D
Acq On : 19 Sep 2018 18:40
Operator : JU/SJ
Sample : J4771-04
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Sep 20 07:05:49 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 31 13:03:20 2018
Response via : Initial Calibration



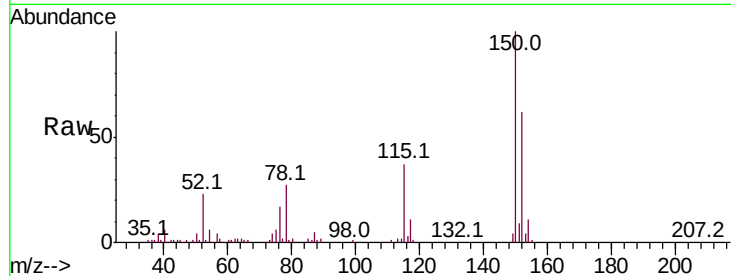


#1

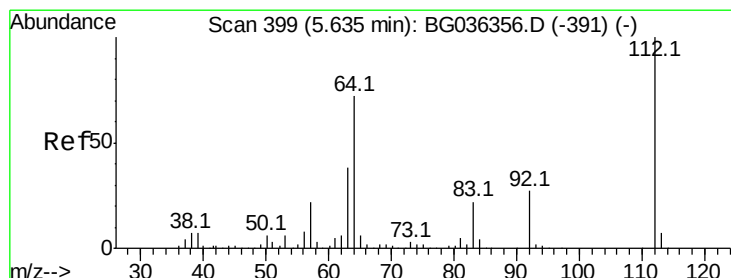
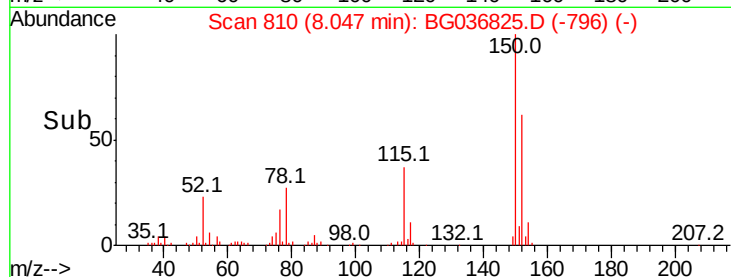
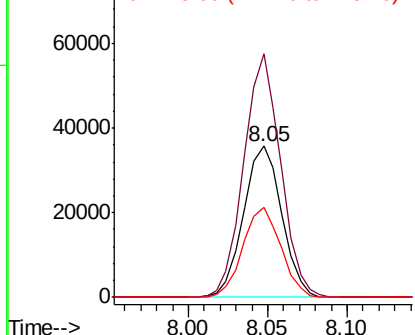
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 810
Delta R.T. -0.02 min
Lab File: BG036825.D
Acq: 19 Sep 2018 18:40

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 60028
Ion Ratio Lower Upper
152 100
150 161.4 119.5 179.3
115 59.6 44.5 66.7



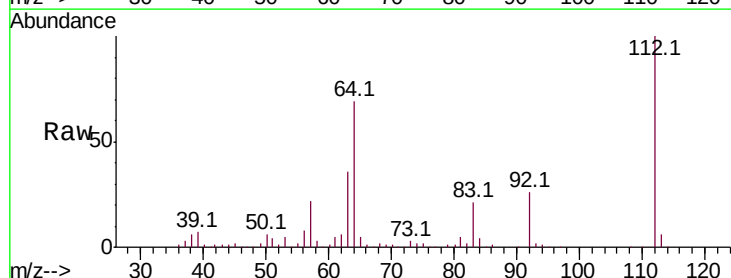
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



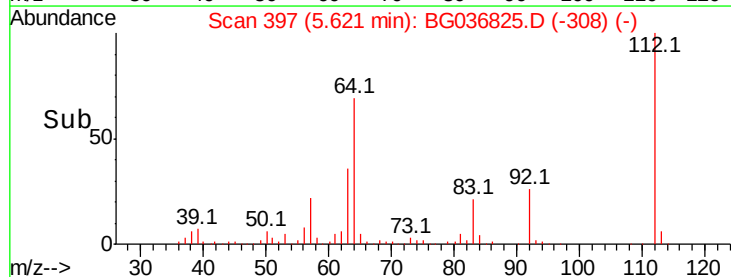
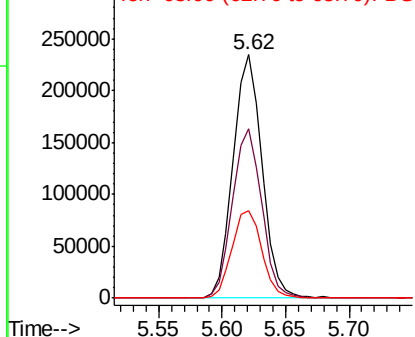
#5

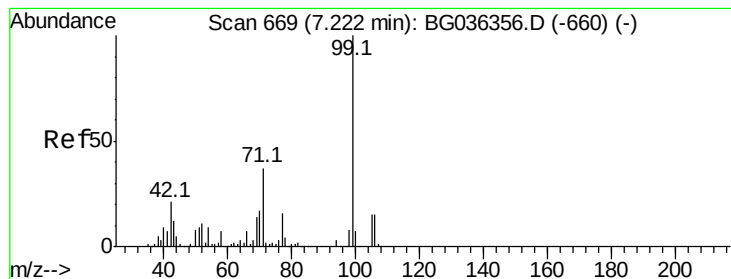
2-Fluorophenol
Concen: 98.264 ng
RT: 5.62 min Scan# 397
Delta R.T. -0.00 min
Lab File: BG036825.D
Acq: 19 Sep 2018 18:40

Tgt Ion:112 Resp: 371846
Ion Ratio Lower Upper
112 100
64 69.4 57.2 85.8
63 35.9 30.8 46.2



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 87.129 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG036825.D

Acq: 19 Sep 2018 18:40

Instrument :

BNA_G

ClientSampled :

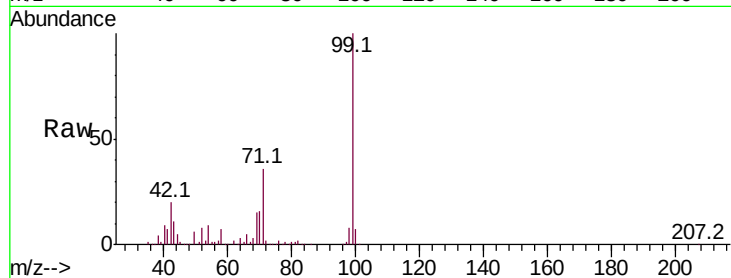
Tot Ion: 99 Resp: 472063

Ion Ratio Lower Upper

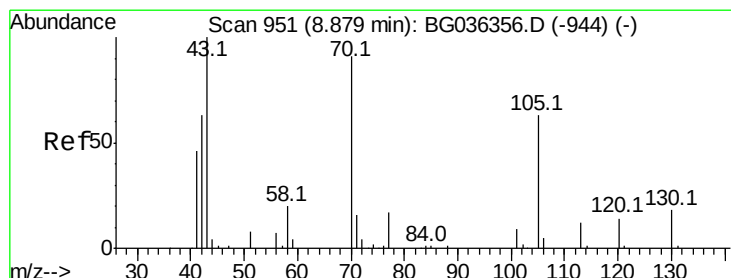
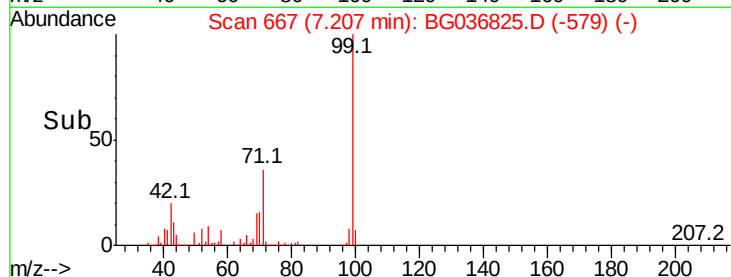
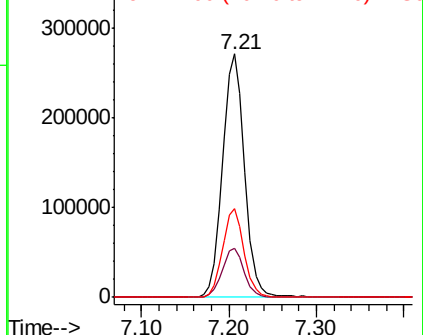
99 100

42 20.0 16.5 24.7

71 36.4 29.4 44.2



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#19

n-Nitroso-di-n-propylamine

Concen: 12.661 ng

RT: 9.20 min Scan# 1007

Delta R.T. 0.34 min

Lab File: BG036825.D

Acq: 19 Sep 2018 18:40

Tgt Ion: 70 Resp: 51266

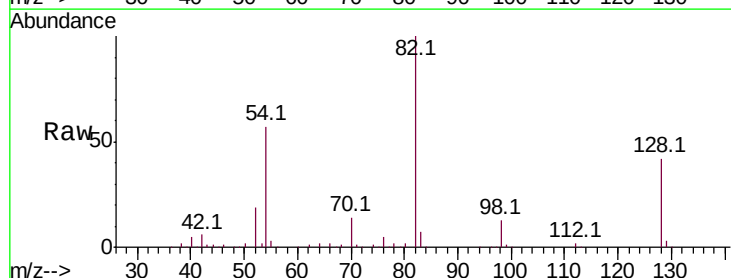
Ion Ratio Lower Upper

70 100

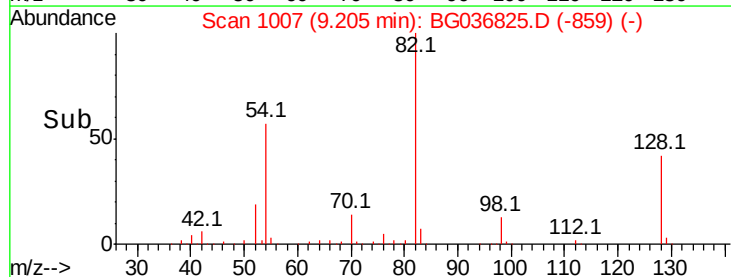
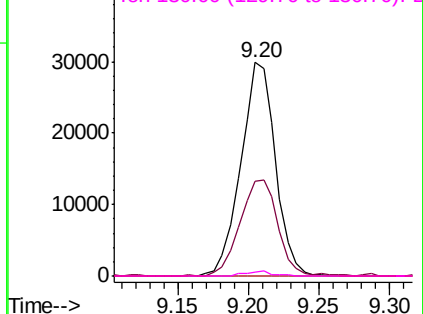
42 44.6 56.2 84.4#

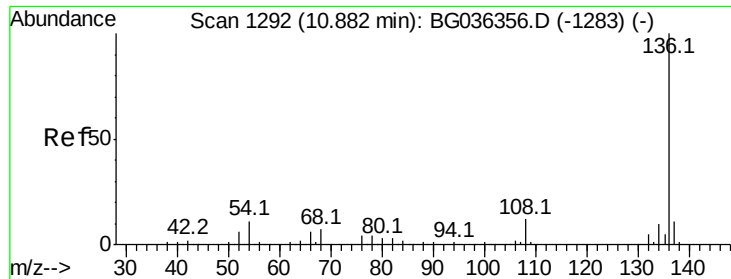
101 0.0 7.8 11.6#

130 1.9 16.2 24.2#



Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

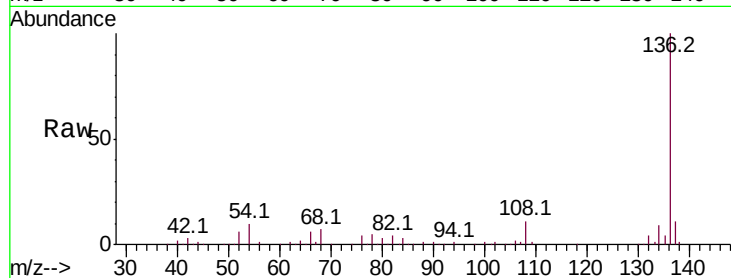




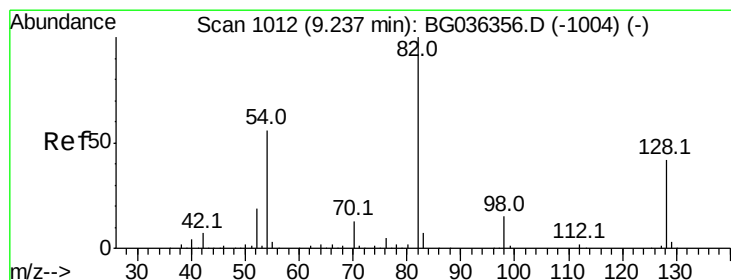
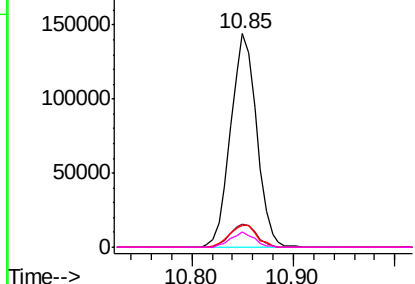
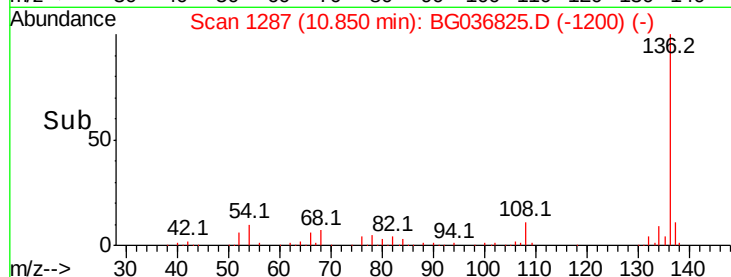
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1287
Delta R.T. -0.02 min
Lab File: BG036825.D
Acq: 19 Sep 2018 18:40

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	136	Resp:	256436
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	10.4	9.2	13.8
68	7.2	5.8	8.6

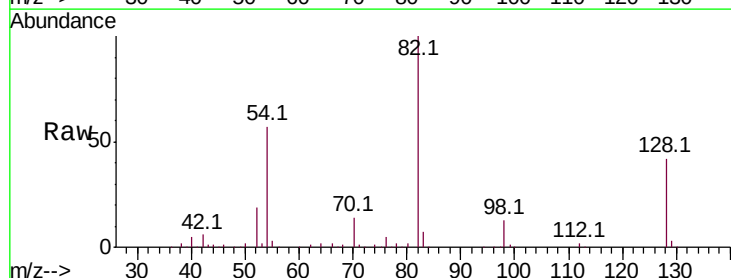


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

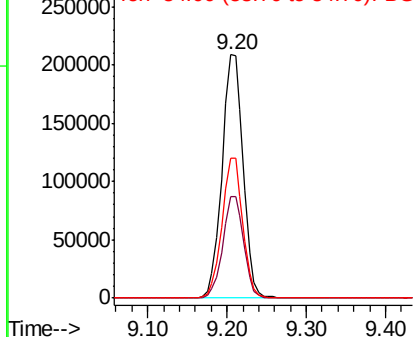
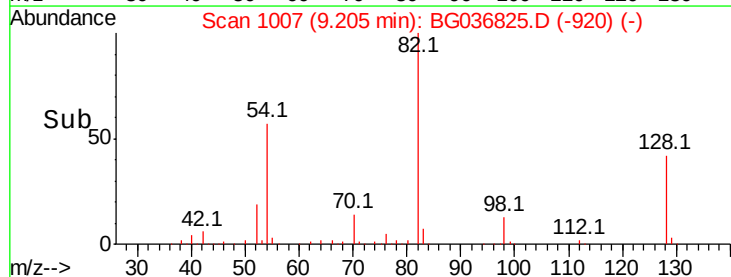


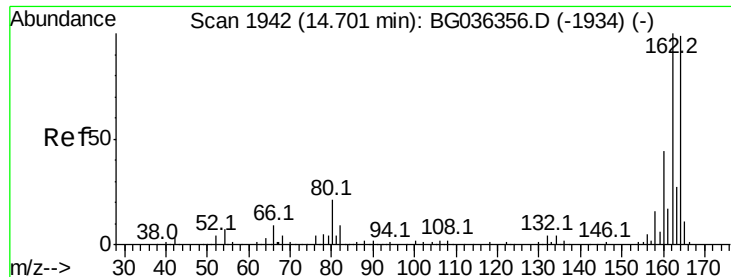
#23
Nitrobenzene-d5
Concen: 81.033 ng
RT: 9.20 min Scan# 1007
Delta R.T. -0.02 min
Lab File: BG036825.D
Acq: 19 Sep 2018 18:40

Tgt Ion:	82	Resp:	382990
Ion	Ratio	Lower	Upper
82	100		
128	41.7	33.3	49.9
54	57.4	45.1	67.7



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BGC

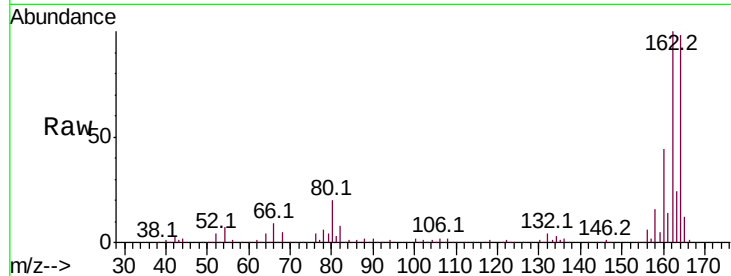




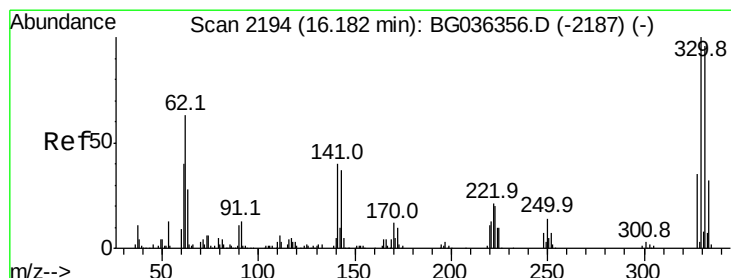
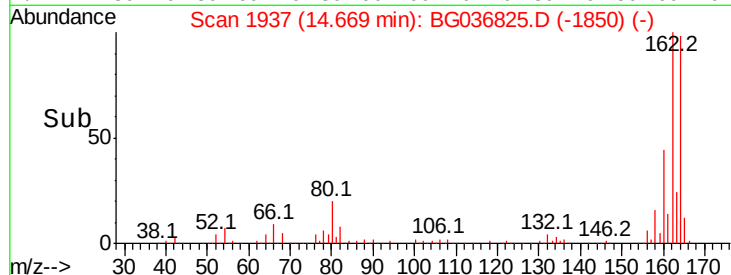
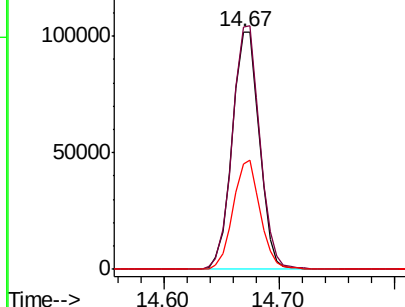
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1937
Delta R.T. -0.02 min
Lab File: BG036825.D
Acq: 19 Sep 2018 18:40

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.7	80.7	121.1
160	44.3	35.3	52.9

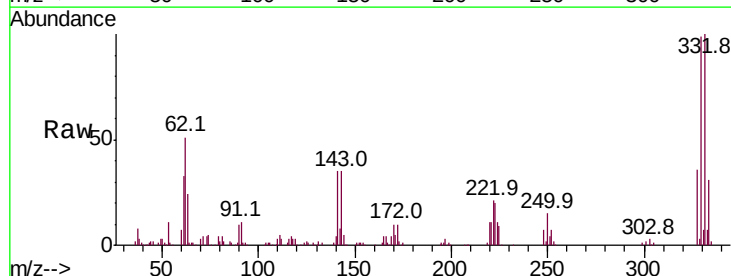


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

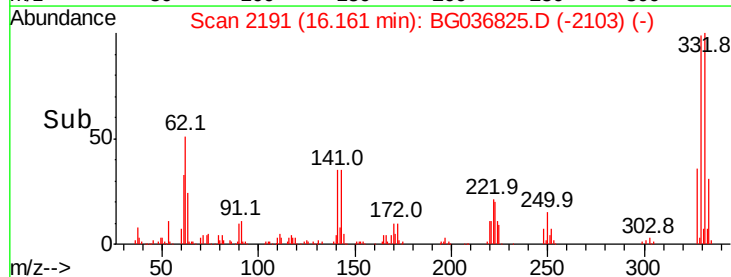
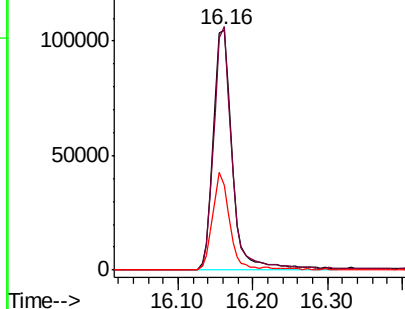


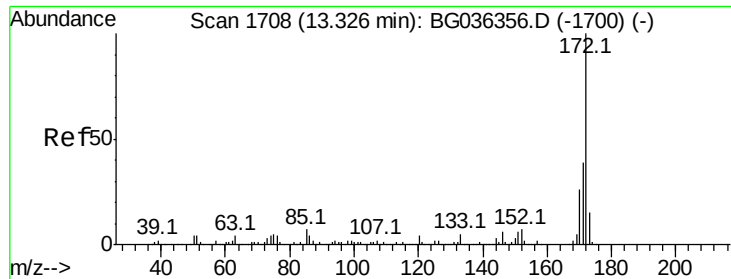
#41
2,4,6-Tribromophenol
Concen: 94.310 ng
RT: 16.16 min Scan# 2191
Delta R.T. -0.01 min
Lab File: BG036825.D
Acq: 19 Sep 2018 18:40

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.8	75.4	113.2
141	36.5	30.7	46.1



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

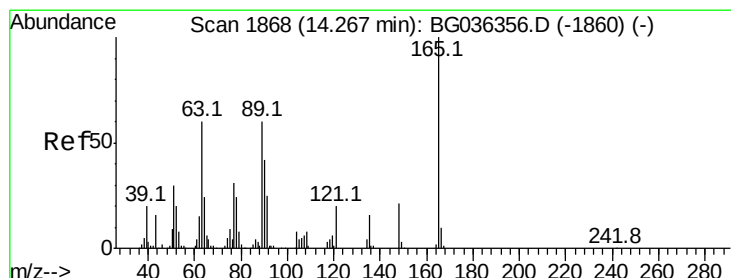
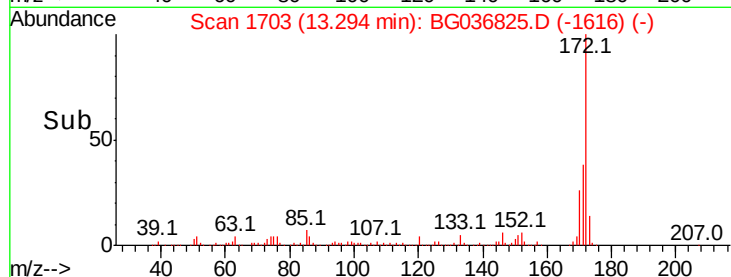
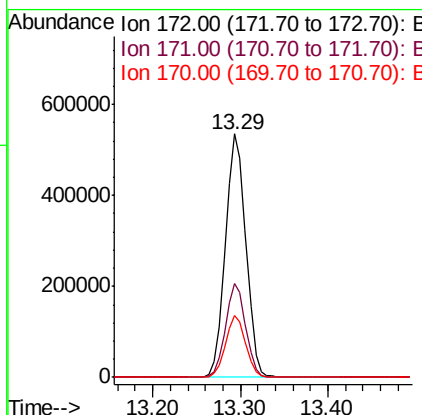
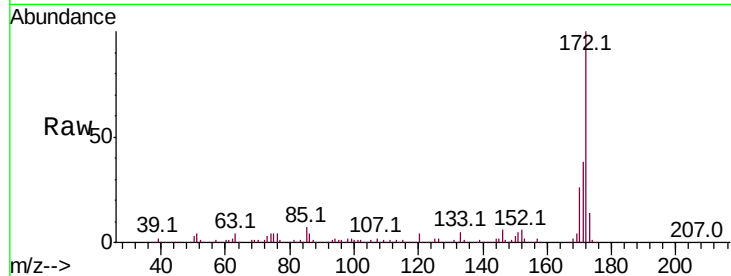




#44
 2-Fluorobiphenyl
 Concen: 73.426 ng
 RT: 13.29 min Scan# 1703
 Delta R.T. -0.02 min
 Lab File: BG036825.D
 Acq: 19 Sep 2018 18:40

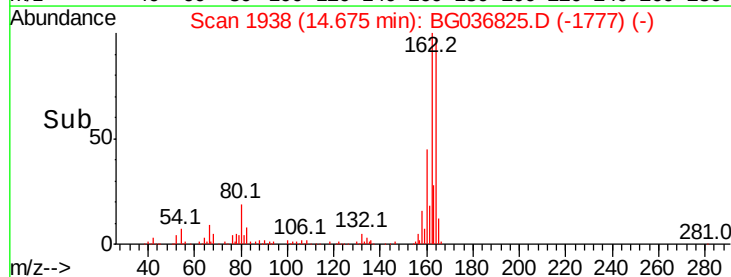
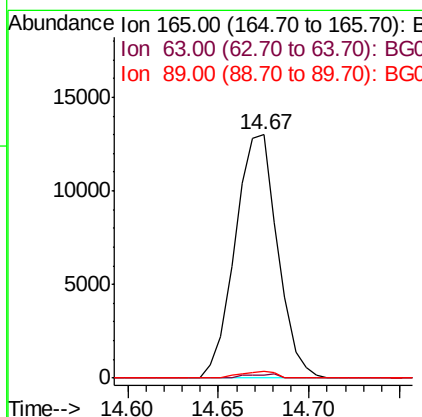
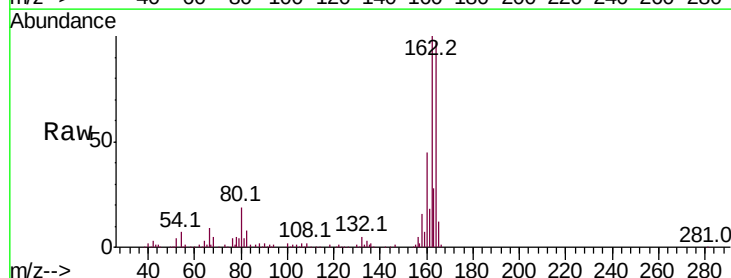
Instrument :
 BNA_G
 ClientSampleId :

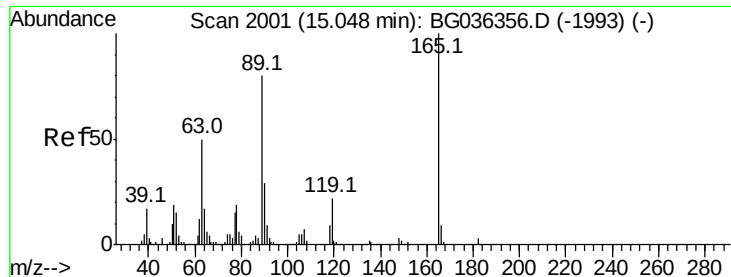
Tot Ion	Ratio	Lower	Upper
172	100		
171	38.5	31.3	46.9
170	25.5	21.0	31.6



#50
 2,6-Dinitrotoluene
 Concen: 7.552 ng
 RT: 14.67 min Scan# 1938
 Delta R.T. 0.42 min
 Lab File: BG036825.D
 Acq: 19 Sep 2018 18:40

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	50.1	75.1#
89	2.5	47.8	71.6#





#56

2,4-Dinitrotoluene

Concen: 5.794 ng

RT: 14.67 min Scan# 1938

Delta R.T. -0.36 min

Lab File: BG036825.D

Acq: 19 Sep 2018 18:40

Instrument :

BNA_G

ClientSampleId :

Tot Ion:165 Resp: 21096

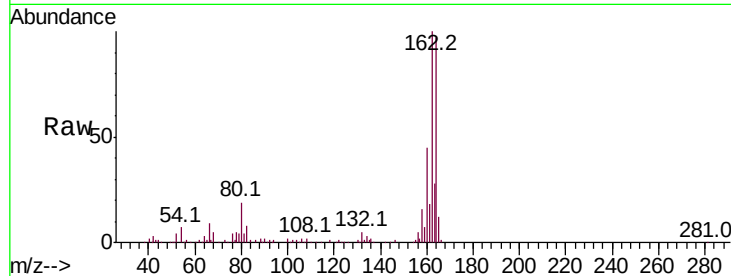
Ion Ratio Lower Upper

165 100

63 1.4 40.1 60.1#

89 2.5 63.7 95.5#

182 0.0 2.5 3.7#

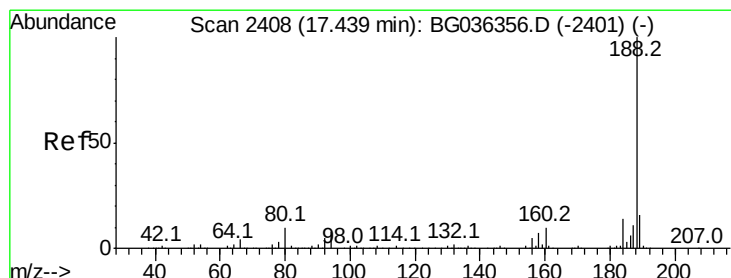
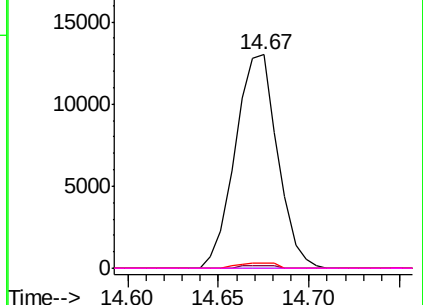
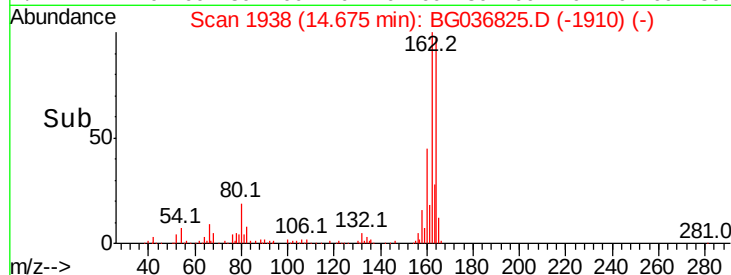


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.41 min Scan# 2404

Delta R.T. -0.02 min

Lab File: BG036825.D

Acq: 19 Sep 2018 18:40

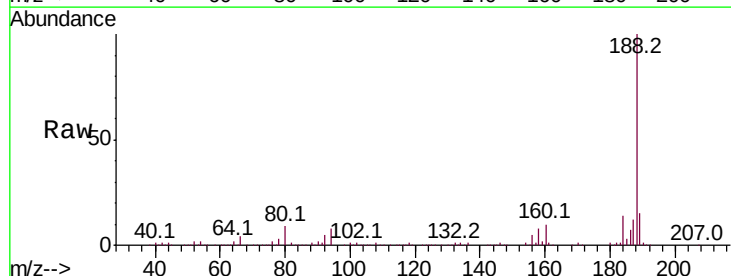
Tgt Ion:188 Resp: 399685

Ion Ratio Lower Upper

188 100

94 7.5 6.7 10.1

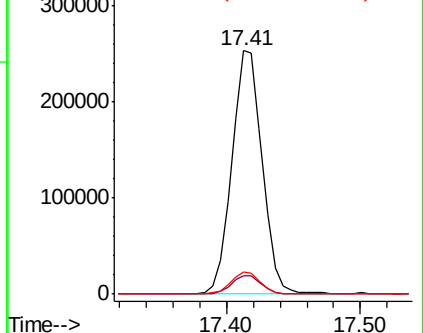
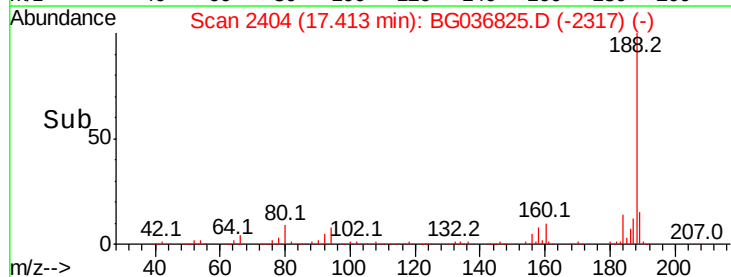
80 9.3 8.1 12.1

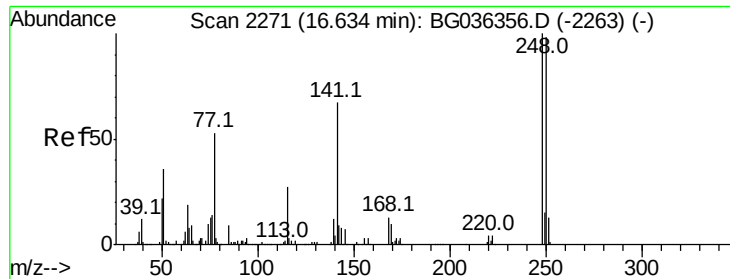


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

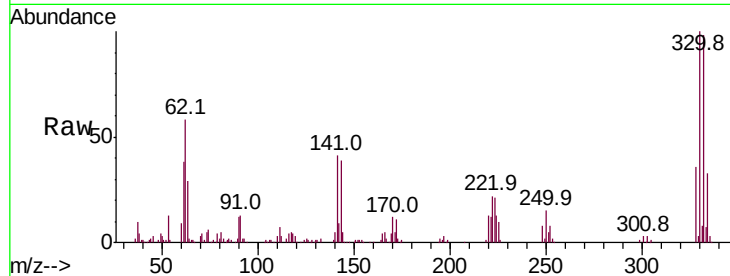




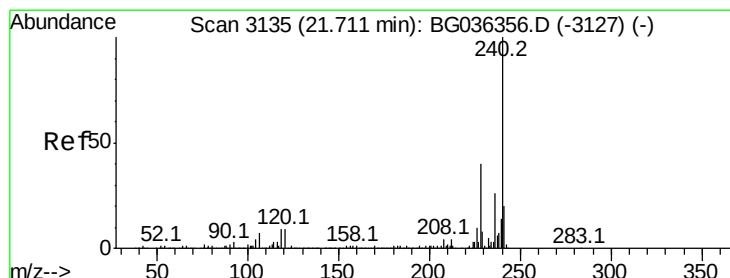
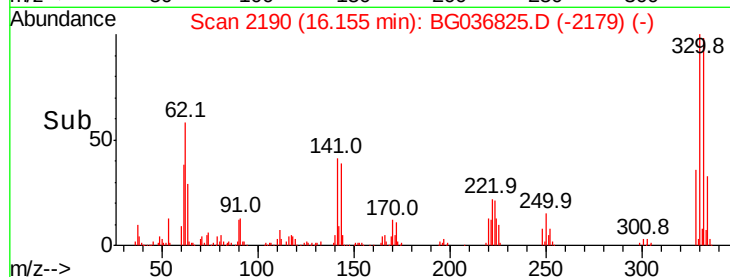
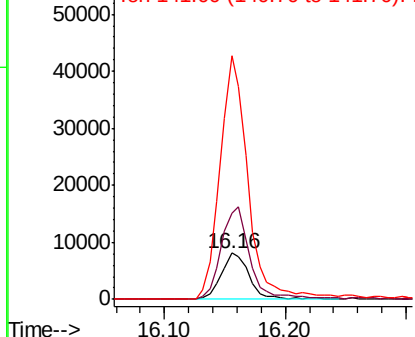
#66
 4-Bromophenyl-phenylether
 Concen: 2.798 ng
 RT: 16.16 min Scan# 2190
 Delta R.T. -0.46 min
 Lab File: BG036825.D
 Acq: 19 Sep 2018 18:40

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:248 Resp: 13092
 Ion Ratio Lower Upper
 248 100
 250 186.0 78.1 117.1#
 141 524.8 53.7 80.5#

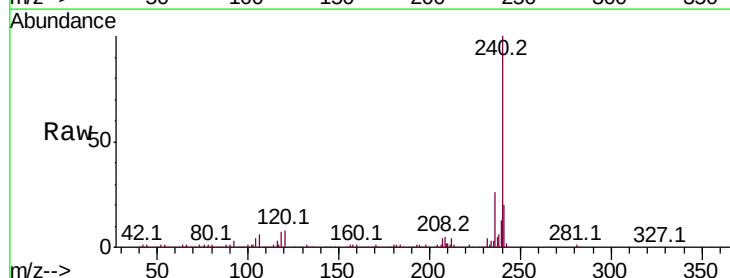


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

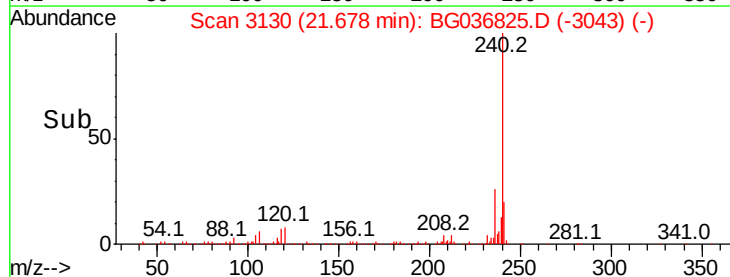
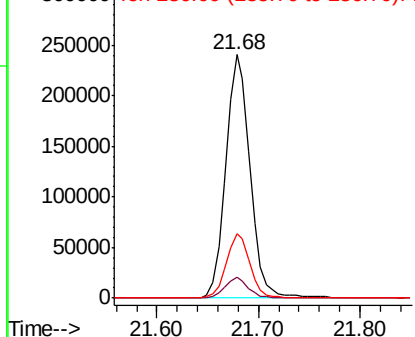


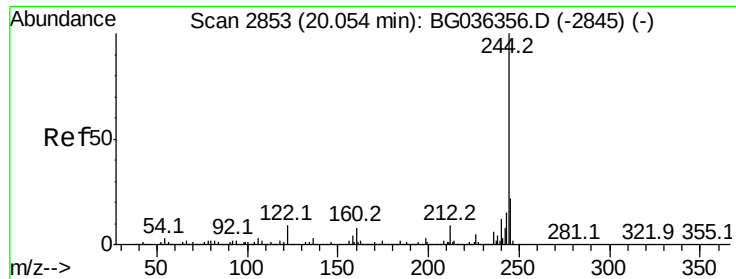
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.68 min Scan# 3130
 Delta R.T. -0.02 min
 Lab File: BG036825.D
 Acq: 19 Sep 2018 18:40

Tgt Ion:240 Resp: 399285
 Ion Ratio Lower Upper
 240 100
 120 8.4 6.9 10.3
 236 26.4 21.2 31.8



Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 79.176 ng

RT: 20.02 min Scan# 2848

Delta R.T. -0.01 min

Lab File: BG036825.D

Acq: 19 Sep 2018 18:40

Instrument :

BNA_G

ClientSampleId :

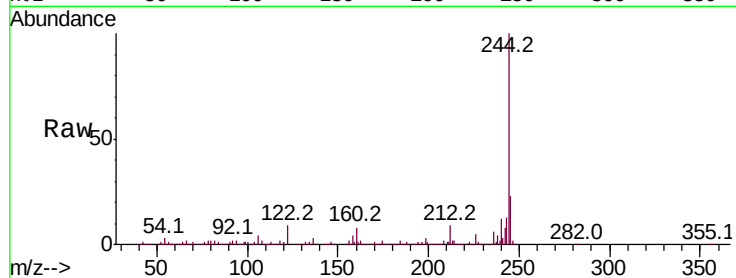
Tot Ion:244 Resp: 1352558

Ion Ratio Lower Upper

244 100

212 8.6 7.0 10.6

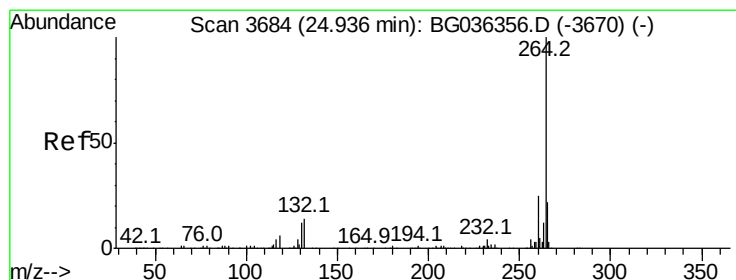
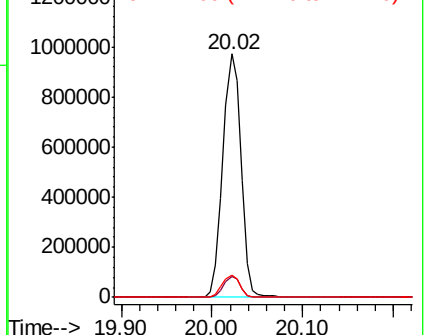
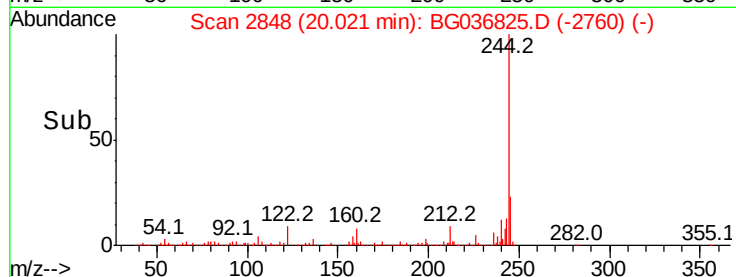
122 9.1 7.1 10.7



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.89 min Scan# 3676

Delta R.T. -0.02 min

Lab File: BG036825.D

Acq: 19 Sep 2018 18:40

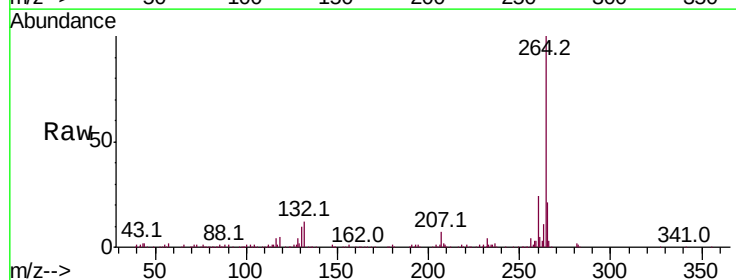
Tgt Ion:264 Resp: 370306

Ion Ratio Lower Upper

264 100

260 23.6 19.6 29.4

265 20.5 17.4 26.0



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

